



PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner of Patents and Trademarks:

Transmitted herewith for filing is a patent application entitled

"CONTROL ALGORITHM IN QAM MODEMS"

By the Inventors: DAVID ISAKSEN; MARK FONG

The following documents are enclosed:

- ☐ sheets of formal drawings;
- ☒ an assignment of the application to WIDEBAND SEMICONDUCTORS, Inc.
- ☒ an executed declaration of the inventors;
- ☒ an associate power of attorney;
- ☒ a request and certification under 35 U. S. C. 122 (b) (2)(B)(1)
- ☒ an Information Disclosure Statement; and/or
- ☐ a Preliminary Amendment.

Calculation of fees payable for filing of patent application:


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	Number <u>Filed</u>	Number <u>Extra</u>	<u>Rate</u>	<u>Fee</u>
Basic filing fee			\$770	\$770
Total claims	40	20	\$18	\$360
Independent claims	7	4	\$86	\$344
Multiple dependent claims present			\$290	\$0
Intermediate total				\$1,474
Small entity total, if applicable				\$
Recordation of the assignment				\$40
Total				\$1,514.00

The check in the amount of \$1,514.00 is enclosed.

Project ID: Wideband-109/Tank-213

Date: December 8, 2003


Boris Tankhilevich
Reg. No. 38,689



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Isaksen; Mark Fong

U.S. Serial No:

Group Art Unit:

Date Filed: December 11, 2003

Examiner:


Title: "CONTROL ALGORITHM IN QAM MODEMS "

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAILING

I certify that the above-identified patent application was deposited by me with the U.S. Postal Service for Express Mail service, Express Mail Receipt No. ER508859765US , with postage prepaid and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, at Oakland, California on December 11, 2003.

Date: December 11, 2003


Boris Tankhilevich,
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Reg. No. 38,689

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

David ISAKSEN

Title

Control Algorithm In QAM Modems

Attorney Docket Number

Wideband-109/Tank-213

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 11, 2003
Date


Signature

(925) 930-0966
Telephone number

Boris G. Tankhilevich
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.